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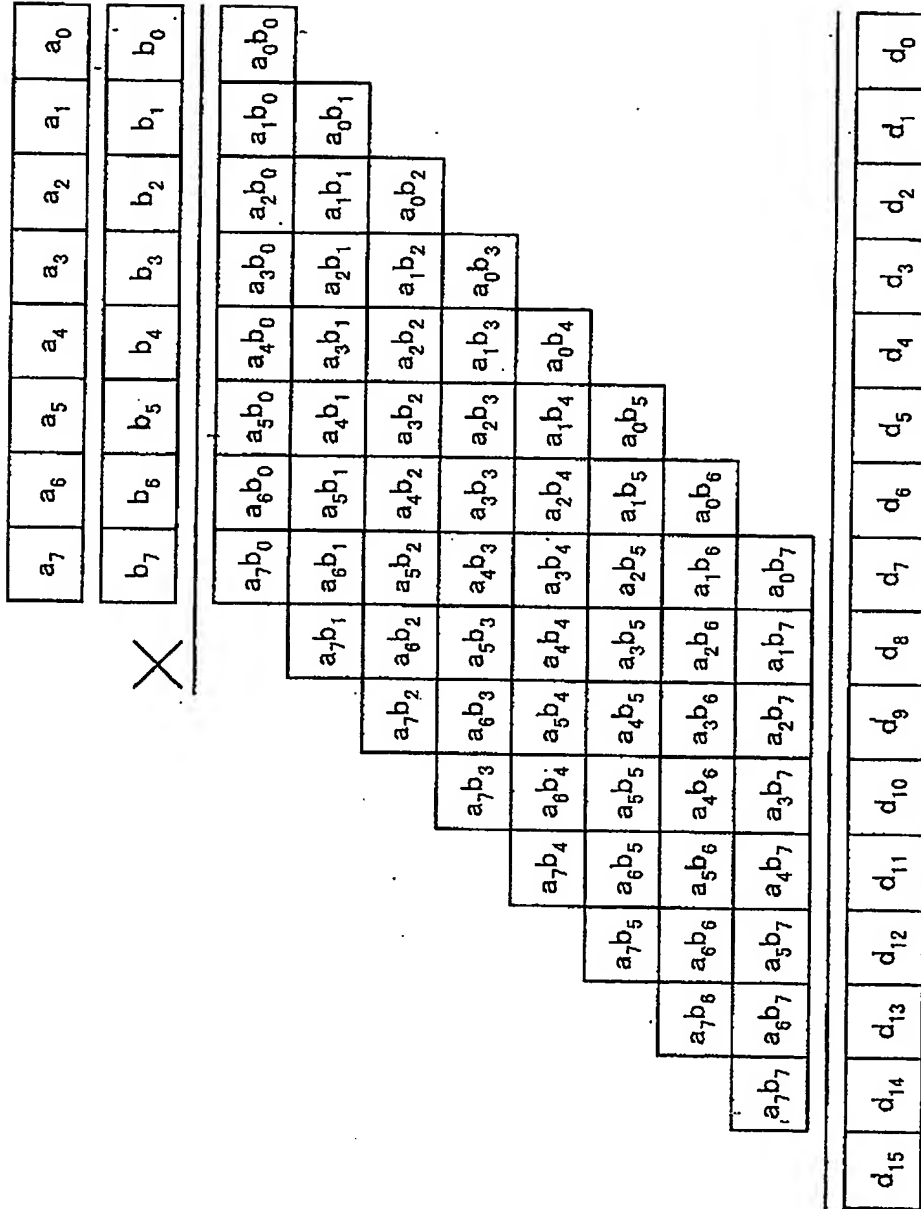
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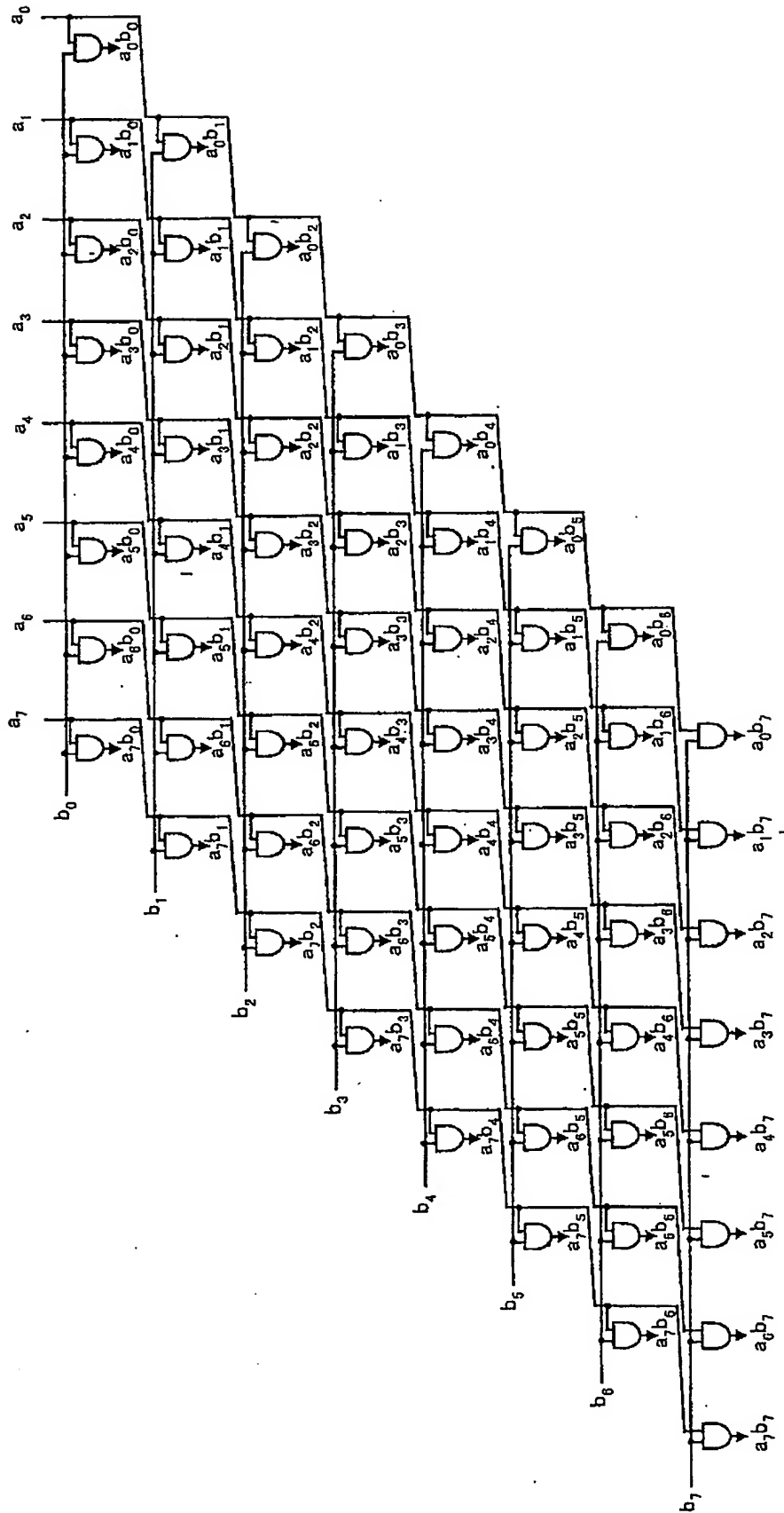
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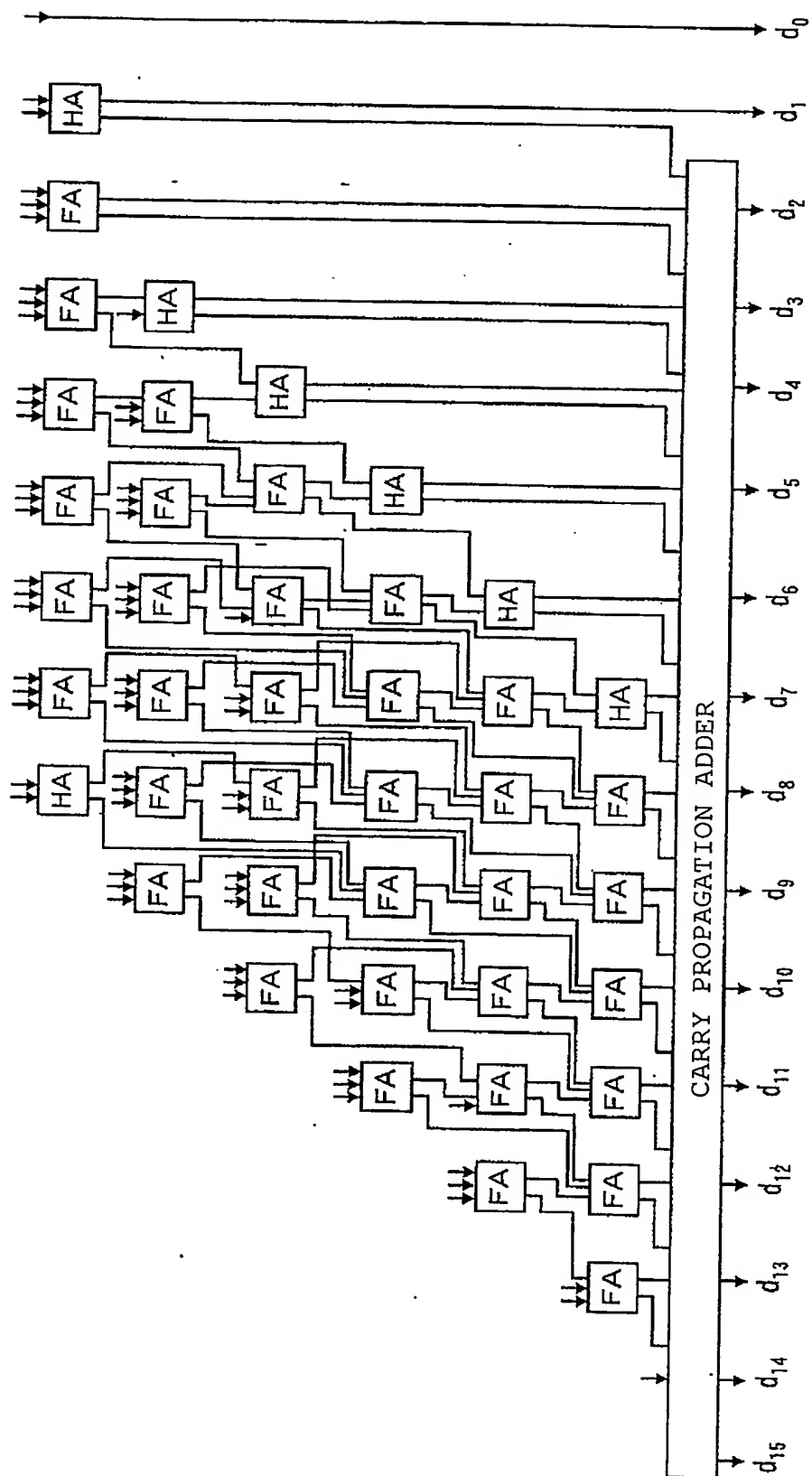
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FIG. 2



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FIG. 3



HALF ADDER

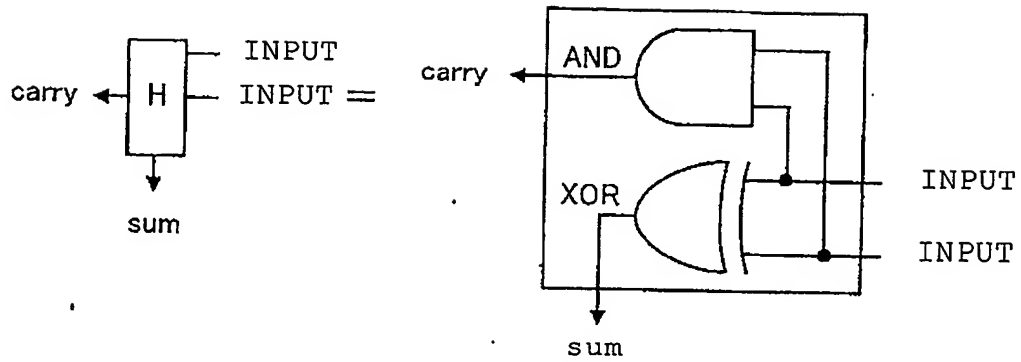


FIG. 5

FULL ADDER

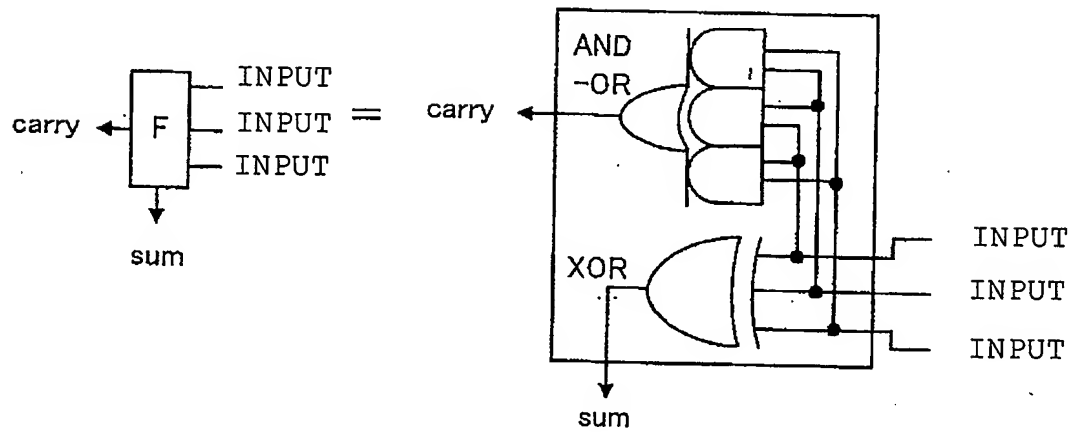
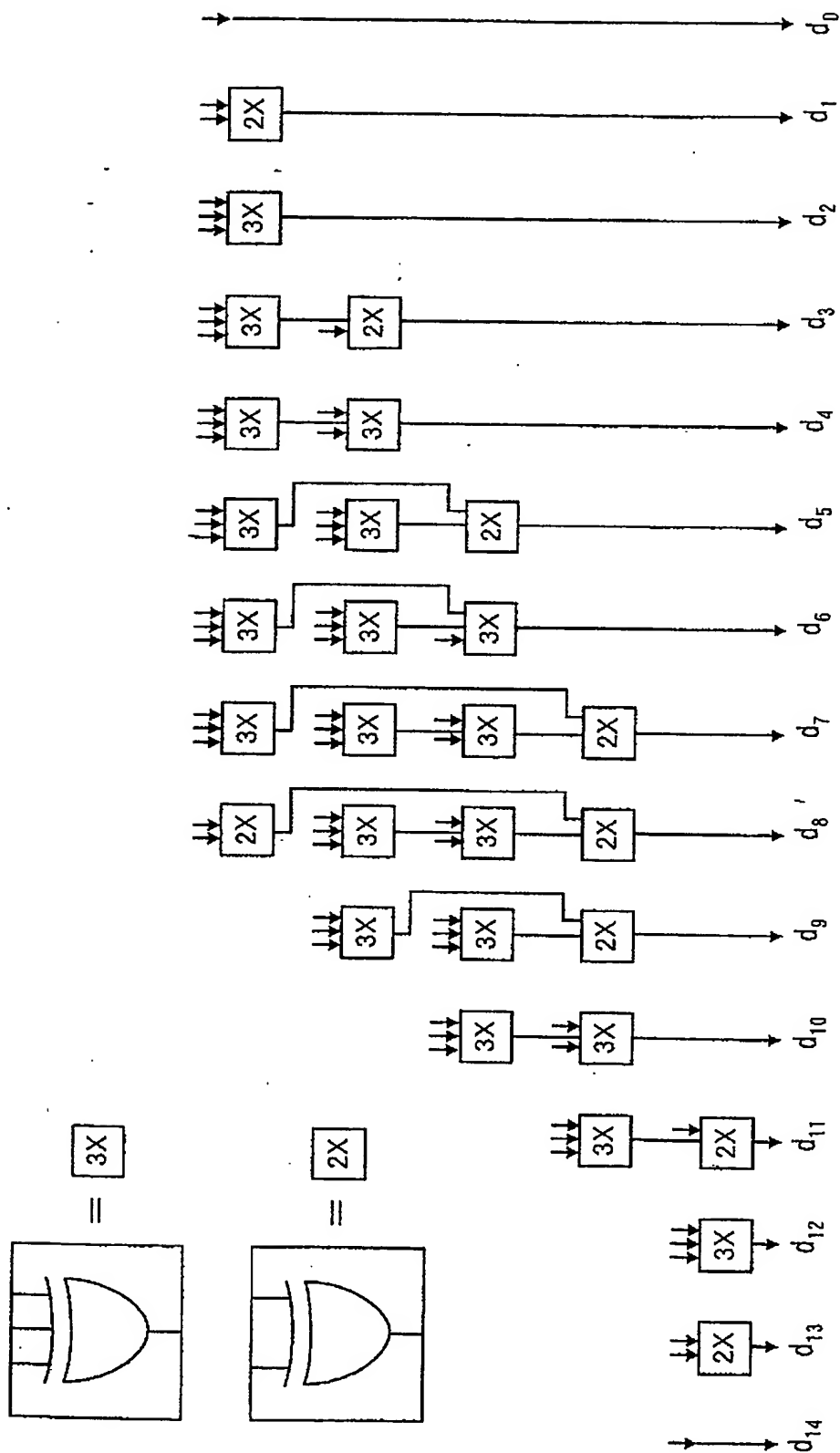
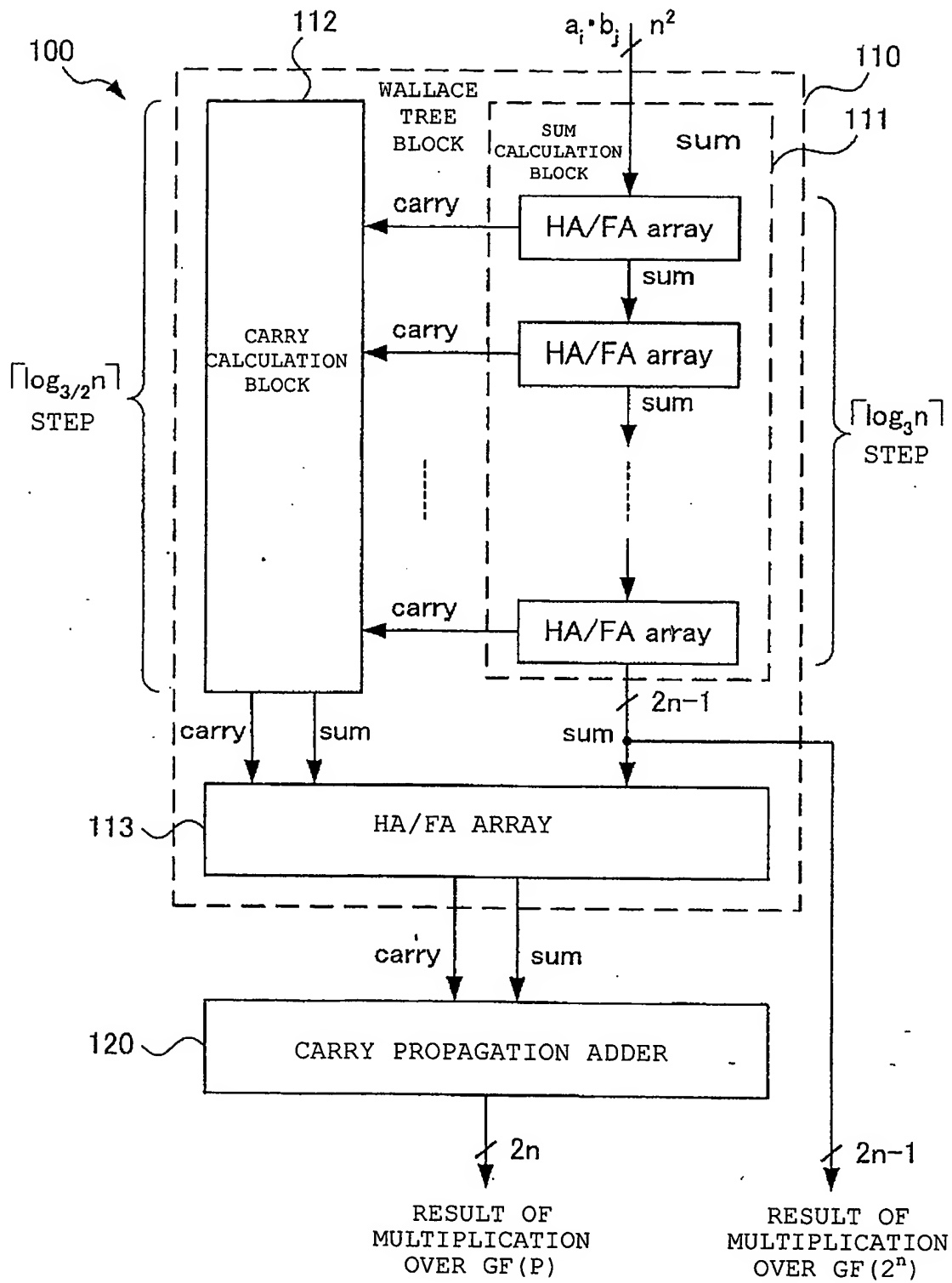


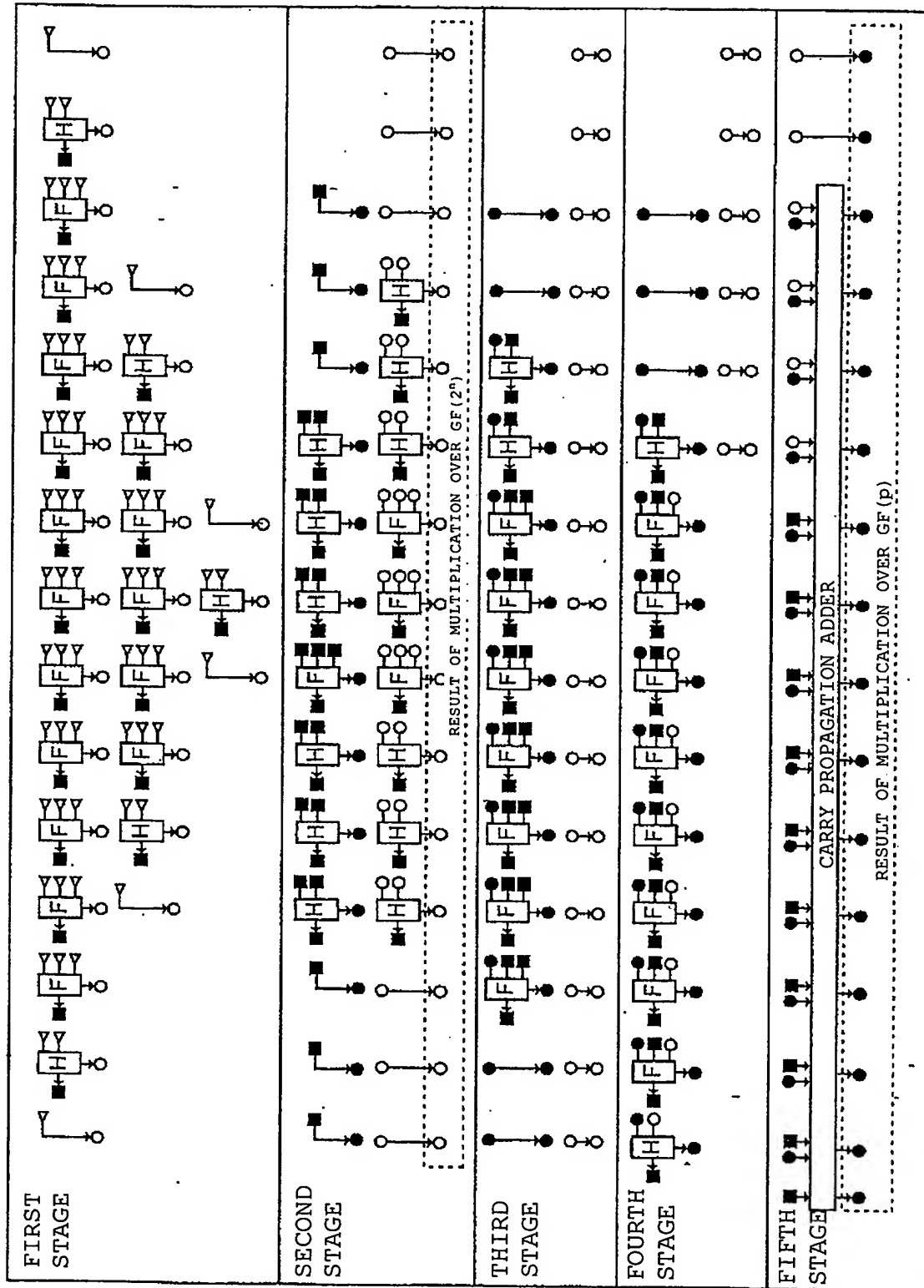
FIG. 6



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FIG. 7

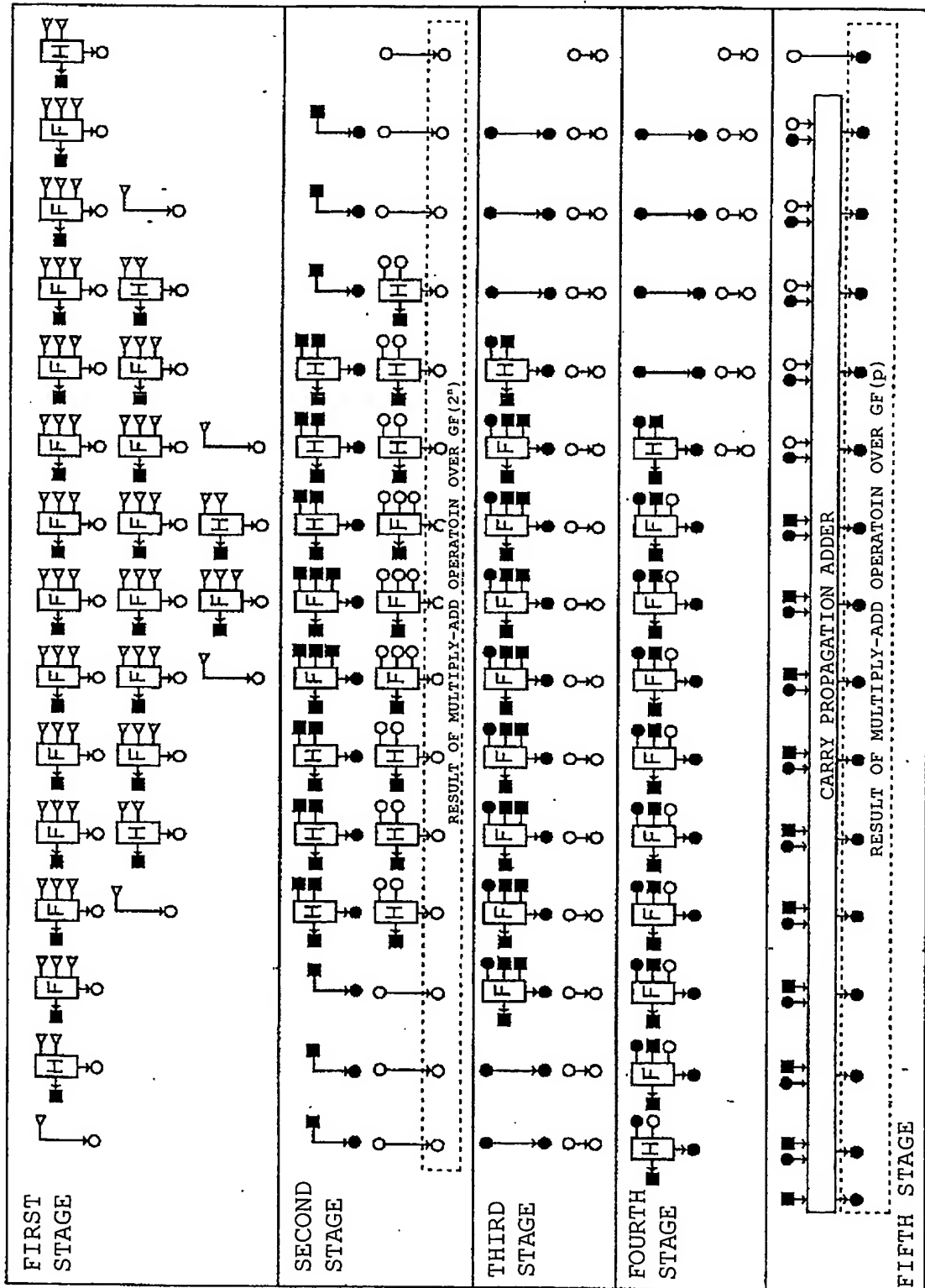


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FIG. 8



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FIG. 9

a_7	a_6	a_5	a_4	a_3	a_2	a_1	a_0
b_7	b_6	b_5	b_4	b_3	b_2	b_1	b_0
c_7	c_6	c_5	c_4	c_3	c_2	c_1	c_0
\times							
$+$							
c_7	c_6	c_5	c_4	c_3	c_2	c_1	c_0
a_7b_0	a_6b_0	a_5b_0	a_4b_0	a_3b_0	a_2b_0	a_1b_0	a_0b_0
a_7b_1	a_6b_1	a_5b_1	a_4b_1	a_3b_1	a_2b_1	a_1b_1	a_0b_1
a_7b_2	a_6b_2	a_5b_2	a_4b_2	a_3b_2	a_2b_2	a_1b_2	a_0b_2
a_7b_3	a_6b_3	a_5b_3	a_4b_3	a_3b_3	a_2b_3	a_1b_3	a_0b_3
a_7b_4	a_6b_4	a_5b_4	a_4b_4	a_3b_4	a_2b_4	a_1b_4	a_0b_4
a_7b_5	a_6b_5	a_5b_5	a_4b_5	a_3b_5	a_2b_5	a_1b_5	a_0b_5
a_7b_6	a_6b_6	a_5b_6	a_4b_6	a_3b_6	a_2b_6	a_1b_6	a_0b_6
a_7b_7	a_6b_7	a_5b_7	a_4b_7	a_3b_7	a_2b_7	a_1b_7	a_0b_7
d_{15}	d_{14}	d_{13}	d_{12}	d_{11}	d_{10}	d_9	d_8
						d_7	d_6
						d_5	d_4
						d_3	d_2
						d_1	d_0



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FIG. 11

